

Air Permeability Tester

AP800FT

Introduction

The Air Permeability tester for textile consists of an arrangement for holding the test specimen between two flat faces so as to expose a known area to the flow of air through it, a vacuum system to draw air through the exposed of the test specimens, arrangement to measure the volume of air flowing through the test specimen, and arrangement to measure the pressure drop between the two faces of the test specimen,

The test specimen is hold between two round shaped grips. The grips are lined with rubber gasket to avoid the leakage of air through the edge. The two grips can be held the test specimen with the help of a hand spirited can mechanism.

The vacuum needed to draw the air through the test specimen is created with the vacuum pump supplied with the instrument. The vacuum pressure is measured by the manometer tube terms of mm of water level & airflow is measured by the rotameters supplied with the instrument.

The equipment is power coated finish for corrosion resistant and longer life.

Technical Specification

Test Area : 4cm² & 10 cm²

Rota meter: 0 – 60 LPH

: 0 – 900 LPH

: 600 – 6000 LPH

With Branded Vacuum Pump

Power 220 V AC 50 Hz.

Suitable for Fabric, Non-Woven Fabric, Filter Cloth, HDPE, PP Woven sack

Related Standards

IS 11056-1984: Method for determination of Air Permeability of fabrics.

ASTM D737 Method for determination of Air Permeability of fabrics.

DIN 55887: Testing of fabrics Determination & the Air Permeability of fabrics.

An ISO 9001-2015 & CE Certified Company



Texcare Instruments

I-84, Road No.19, UPSIDC Site-C, Surajpur Industrial Area
Greater Noida – 201310 (UP) INDIA

Ph. +91-9990592219, +91-9310108904

Mobile: +91-9899309879, +91-9990592299

Email: info@texcare.co.in Web: www.texcareindia.com

24x7 Customer Support : +91-8802270444